

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Frough Q. Sherwani

GENERAL INFORMATION:

Name:	FKI Logistex
Address:	1524 Lebanon Road Danville, KY 40442
Date application received:	3/22/2005
SIC Code/SIC description:	3535, Conveyors & Conveying
Source ID:	21-021-00007
Agency Interest:	375
Activity:	APE20040002
Permit:	F-08-012

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

<b>Pollutants</b>	<b>Actual 2007 (tpy)</b>	<b>Allowable (tpy)</b>	<b>Potential (tpy)</b>
<b>PM/PM10</b>	1.0	NA	18.42
<b>SO<sub>2</sub></b>	0.0066	NA	38.94
<b>NO<sub>x</sub></b>	1.105	NA	5.75
<b>CO</b>	0.93	NA	3.13
<b>VOC*</b>	5.72	90	107.93
<b>Ethyl Benzene**</b>	0.123	9.0	3.15
<b>MEK**</b>	0.0129	9.0	0.3298
<b>Toluene**</b>	0.31	9.0	7.91
<b>Trimethyl Benzene**</b>	0.125	9.0	3.2
<b>Xylene**</b>	4.062	9.0	38.94
<b>Combined HAPS***</b>	4.633	22.5	98.23

\* The source has accepted a facility-wide cap on annual VOC emissions of no more than 90.0 tons per rolling 12-month period.

\*\* The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9 tons per rolling 12-month period.

\*\*\* The source has accepted a facility-wide cap on annual combined HAPS emissions of no more than 22.5 tons per rolling 12-month period.

**SOURCE DESCRIPTION:**

The source manufactures conveyor equipment for miscellaneous industries in Danville, Kentucky. The source has a spray paint booth, powder coating station, and two boilers for heating (4.375 MMbtu/hr, each natural gas as a primary fuel and Fuel oil # 2 as a secondary fuel).

**EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

1. The source has accepted a facility-wide cap on annual VOC emissions of no more than 90 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.
2. The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9.0 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.
3. The source has accepted a facility-wide cap on annual combined HAPS emissions of no more than 22.5 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.
4. The permittee shall not cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility (s) which is equal to or greater than twenty (20) percent opacity.
5. For emission from a control device or stack, no person shall cause, suffer, allow or permit the emission in to the open air of particulate matter (PM) from any affected facility which in excess of 2.34 lb/hr.